

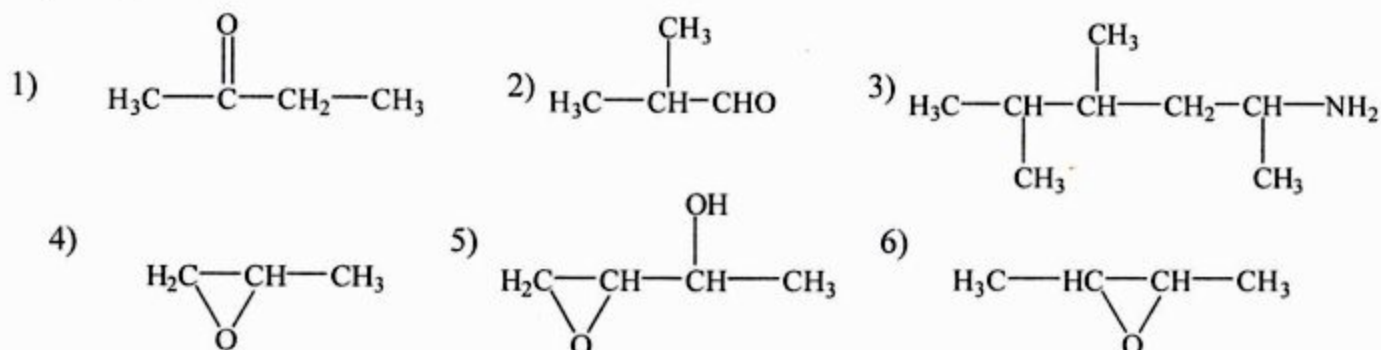


Chimie Organique

Série n°6

Exercice 1:

Parmi les molécules suivantes, quelles sont celles qui possèdent un ou plusieurs carbones asymétriques ?



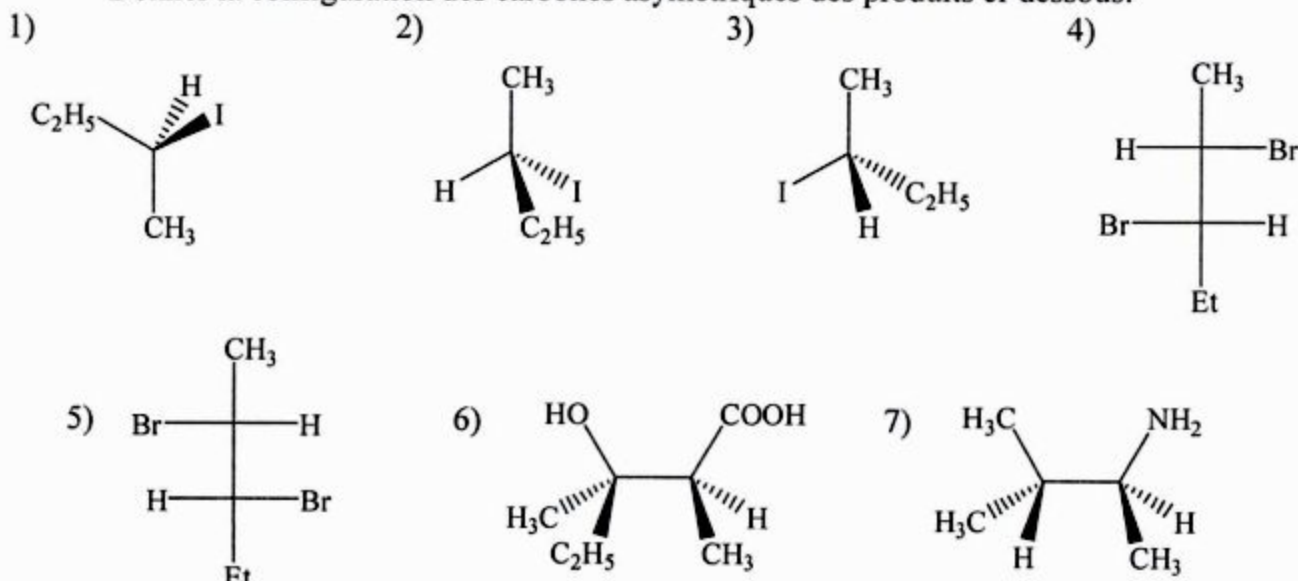
Exercice 2:

Selon la règle séquentielle de Cahn-Ingold-Prelog, quel est l'ordre de priorité des substituants suivants?

- | | | | |
|---------------------|--------------------|----------------------------------|----------------------|
| 1) -OH | -OCH ₃ | -CH ₃ | -CH ₂ OH. |
| 2) -CN | -NHCH ₃ | -CH ₂ NH ₂ | -NH ₂ . |
| 3) -COOH | -COCH ₃ | -CHO | -CONH ₂ . |
| 4) -NH ₂ | -SH | -OCOCH ₃ | -CCl ₃ . |

Exercice 3:

Donner la configuration des carbones asymétriques des produits ci-dessous:

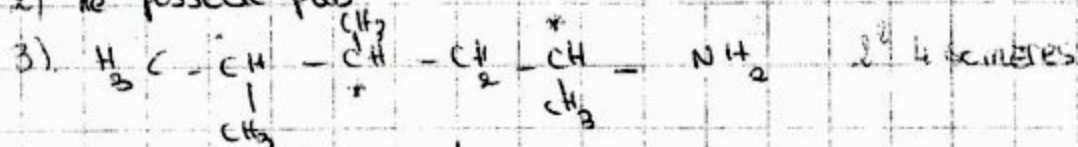


Série 6:

Exercice 1:

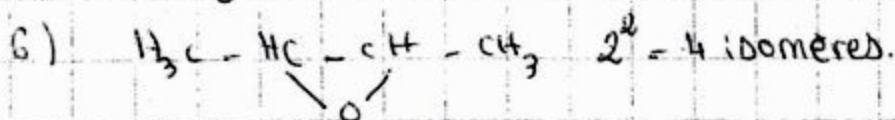
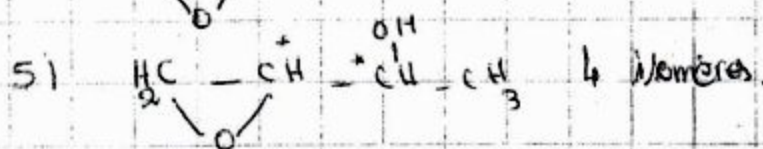
1) ne possède pas.

2) ne possède pas



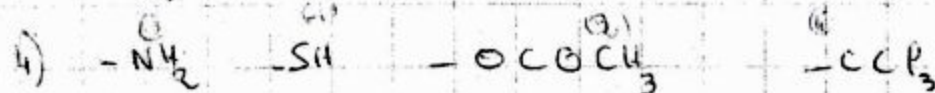
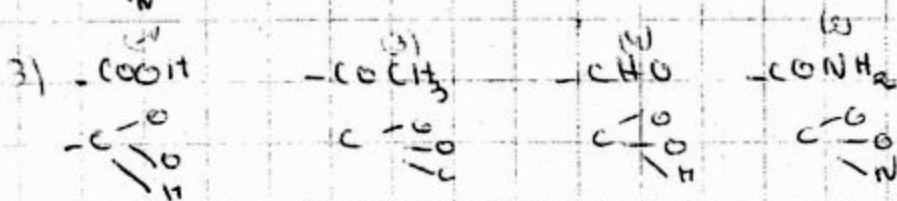
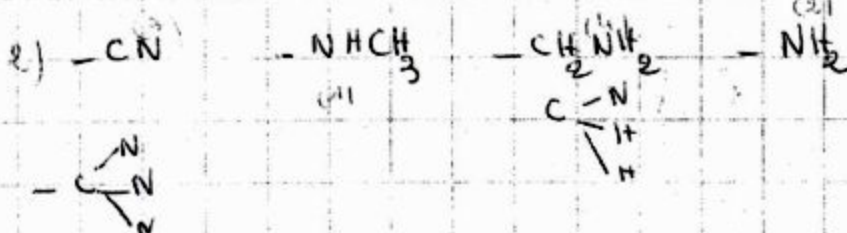
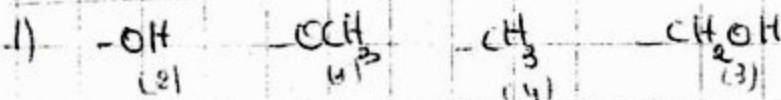
2 carbones asymétriques.

4) $\text{H}_2\text{C}-\overset{\text{O}}{\underset{|}{\text{C}}}-\text{CH}_3$ 2 isomères.



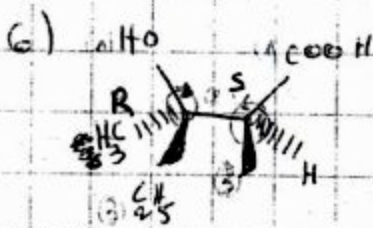
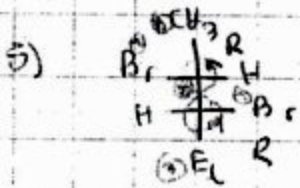
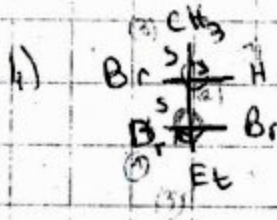
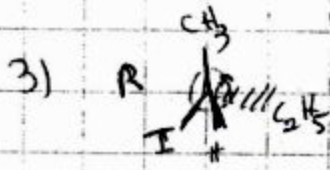
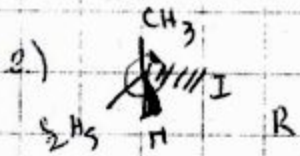
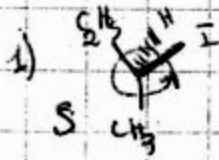
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de symétrie.

Exercice 2:



2/5

Exercice 3





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